

The following softwares required in order create and run your HTML web pages.

- To create HTML pages we need to any one of the following IDEs.
- IDEs for UI Technologies
  - Notepad, Notepad++, VS Code, Atom, Brackets, Sublime text etc.
- To run your web page we need a browser.
- E.g. Edge, Chrome, Opera, Firefox, Safari etc.

When you save file in any software /application it will save the file with the given filename with an Extension. Extension is also called as “Secondary file name”.

“Primary file name” is the name given by user.

e.g. First.txt

First - Primary file name

Txt - Extension (Secondary file name)

Application Name	Extension
Notepad	.txt
MS – Word	.docx / .doc
Excel	.xlsx / .xls
Power Point	.pptx / .ppt
Portable Document Format	.pdf
Java	.java

Python	.py
.Net C#	.cs
PHP	.php
Audio	.mp3 / .wav
Video	.mp4/ .avi
Images	.jpg / .jpeg/ .png / .bmp
HTML	.html / .htm
CSS	.css
Java Script	.js

Prakash\_JavaFresherPDF.pdf

Prakash\_JavaFresherDOC.docx

Prakash\_JavaFresherDOC.docx

Prakash\_JavaFresherDOC.docx

## Structure of HTML Document

```
<!DOCTYPE html>

<html>
  <head>
    <title> </title>
    <style> </style>
    <script></script>
  </head>
```

```
<body>  
    ....actual body of the web page will be here  
</body>  
</html>
```

To see the source of your web page while running your web page in browser.

Right click on the Web page → View Page Source (View Source)

## Basic Tags

**<p>** :- It is a tag which is used to write a paragraph which will be automatically starts in a new line.

**<br>** :- It is a tag which is used to give line breaks in between the paragraphs.

### **Demo1.html**

```
<!DOCTYPE html>  
<html>  
    <head>  
        <title>My Second web page</title>  
    </head>
```

```
<body bgcolor="yellow" text="blue">  
<h1 align="center">Welcome to HTML</h1>  
  <p align="right">Date: 23-08-2024,</p>  
  <p align="right">Hyderabad.</p>  
  <p align="left"> This is my first paragraph in this web  
page. This is my first paragraph in this web page. This is  
my first paragraph in this web page. This is my first  
paragraph in this web page.  
  </p>  
  <p align="centre"> This is my second paragraph. This  
is my second paragraph. <br>My name is Prakash. This is  
my second paragraph. This is my second paragraph. </p>  
  
</body>  
</html>
```

Almost all tags, attributes in html follows American English(US English).

Eg. Bgcolor

Center

Behavior

**Headings:-** Headings are used to display the main purpose of your web page content.

Try to give some catchy names or easily understandable names for headings. So that your web page will be searched by many users.

There are 6 heading available in HTML

<h1> to <h6>

<h1> is top most important heading in your web page. It will be displayed with biggest size.

<h6> is least important heading in your web page. It will be displayed with smallest size.

### **Demo3.html**

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Third web page</title>
  </head>
  <body bgcolor="lightblue">
```

```
<h1>Welcome to Naresh IT</h1>
<h2>Welcome to Naresh IT</h2>
<h3>Welcome to Naresh IT</h3>
<h4>Welcome to Naresh IT</h4>
<h5>Welcome to Naresh IT</h5>
<h6>Welcome to Naresh IT</h6>

</body>
</html>
```

Task#1. Prepare a leave letter in HTML.